



U.S. Patent Application Serial No. 10/015,564
Amendment filed November 2, 2006
Reply to OA dated August 2, 2006

10/015,564

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AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-25 (Canceled).

Claim 26 (Previously Presented): A composition for coating having a gas barrier property comprising coating-forming components of an epoxy resin and an amine curing agent, wherein said epoxy resin is an epoxy resin with glycidylamine moiety derived from metaxylylenediamine and said amine curing agent is a reaction product obtained from reactants consisting essentially of the following (A), (B) and (C):

- (A) metaxylylenediamine or paraxylylenediamine;
- (B) polyfunctional compound of acrylic acid, methacrylic acid and/or derivative thereof, fumaric acid, maleic acid, malic acid, tartaric acid, isophthalic acid, terephthalic acid, pyromellitic acid, trimellitic acid or derivatives thereof, having at least one acyl group which is capable of forming amide group moiety by reaction with a polyamine to form an oligomer;
- (C) formic acid, acetic acid, propionic acid, butyric acid, lactic acid, glycolic acid, benzoic acid and/or derivative thereof.

Claim 27 (Canceled).

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Claim 28 (Previously Presented): The composition for coating according to claim 26, wherein said (B) polyfunctional compound is acrylic acid, methacrylic acid and/or derivative thereof.

Claim 29 (Canceled):

Claim 30 (Previously Presented): A coating comprising the composition for coating having a gas barrier property described in claim 26.

Claim 31 (Currently Amended): A coated film having a gas barrier property comprising ~~coated a gas barrier layer~~ coated on at least one side of a flexible polymer film, wherein said gas barrier layer is a layer formed by cure of a composition for coating having a gas barrier property comprising coating-forming components of an epoxy resin and an amine curing agent, wherein said epoxy resin is an epoxy resin with glycidylamine moiety derived from metaxylylenediamine and said amine curing agent is consists essentially of a reaction product obtained from reactants consisting essentially of the following (A) and (B) in a molar ratio [(B)/(A)] of 0.3 to 0.95:

(A) metaxylylenediamine or paraxylylenediamine paraxylylenediamine;

(B) polyfunctional compound of acrylic acid, methacrylic acid and/or derivative thereof, fumaric acid, pyromellitic acid, trimellitic acid or derivatives thereof, having at least one acyl group which is capable of forming amide group moiety by reaction with a polyamine to form an oligomer.